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System and Method for Analyzing Software Components Using Calibration Factors

ABSTRACT

5   Calibration factors determine how topograpy components are designed and built in order to support the management philosophies and methodologies. A marketing analysis may be used to identify the calibration factors that are needed to support a large market. In this manner, many
10   calibration factors may be applied to a single topography requirement so that multiple operating environments and multiple management philosophies are supported by the topography. The components are stored in a component library and calibration factors corresponding to the
15   components are stored in a data store. A customer's management philosophy, methodology, and operating environments are compared with the component metadata in order to identify suitable topography components which are installed on client computer systems to form to topography.
20   Topography-neutral application components are adapted for installation on any topography regardless of the customer's management characteristics and operating environments.